## BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR.
LEONARD R. SVENSSON
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
JOHN W. BAILLEY
MARK J. NUELL, PH.D.
JAMES T. ELLER, JR.
D. RICHARD ANDERSON
THOMAS M. SMALL\*
ROBERT A. SELDON\*
JOHN A. SCILLIERI\*
SANFORD ASTOR\*



OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY\*
ELLIOT A. GOLDBERG\*
WILLIAM L. GATES\*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)\*
F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
PHILIP K. YU\*

\*ADMITTED TO A BAR OTHER THAN VA.

INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD SUITE 500 EAST FALLS CHURCH, VA 22042-1210 USA

(703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICES: COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA SCOTT L. LOWE
PAUL C. LEWIS
RICHARD J. GALLAGHER
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
KALPANA REDDY
MARK E. OLDS
ESTHER H. CHONG
CATHERINE M. VOISINET\*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER\*
JOHN P. KEADY, PH.D.
MARTIN R. GEISSLER\*
J. ALISON GRABELL\*
T. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
CLINT A. GERDINE
CRAIG A. MCROBBIE

REG. PATENT AGENTS:
FREDERICK R. HANDREN
MAKI HATSUMI
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.
MATTHEW T. SHANLEY
SUSAN W. GORMAN, PH.D.
ROBERT W. DOWNS
CHAD J. BILLINGS
CHRISTINE V. CASTILLO
CARL T. THOMSEN
SAM BHATTACHARYA

10/689078 10/689078 102103

Date: October 21, 2003

Docket No.: 2450-0568P

### MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### Sir:

Transmitted herewith for filing is the patent application of

Inventor: LIU, Lausan Chung-Hsin

For: UMBRELLA ACTUATOR

#### Enclosed are:

$\boxtimes$	A specification consisting of Nine (9) pages
$\boxtimes$	Five (5) sheet(s) formal drawings
	An assignment of the invention
$\boxtimes$	Applicant claims small entity status under 37 C.F.R. § 1.27
$\boxtimes$	Applicant does not claim priority
	Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). filed in on . Certified copy(ies) is(are) attached hereto.  Certified copy(ies) will follow.

$\boxtimes$	Executed Declaration ( $\square$ Original $\boxtimes$ Photocopy)
	Application Data Sheet in accordance with 37 C.F.R. § 1.76
	Preliminary Amendment
	Information Disclosure Statement, PTO-1449 and reference(s)
	Other:
	Applicant requests early publication - \$300.00 publication fee
	Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY		
	BASIC	FEE	\$770.00	\$385.00		
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE		
TOTAL CI.ATMS	CT.ATMS		X 18 = \$0.00	x 9 = \$0.00		
INDEPENDENT CLAIMS			x 86 = \$0.00	x 43 = \$0.00		
_	LE DEPENDEN' PRESENTED	Т	+ \$290.00	+ \$145.00		
		TOTAL	\$0.00	\$385.00		

$\boxtimes$	Α	check	in	the	amo	unt	of	\$385	.00	to	cover	the	filing	fee	and
	re	cordir	ng i	fee	(if	app.	lica	able)	is	end	closed	•			

Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

# □ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By (100) (\* ) Joe McKinney Muncy

**//** #32,334

P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

KM/msh 2450-0568P

Attachments

(Rev. 09/30/03)